HEWLETT PACKARD

HP Software and Accessories for the HP 48 Family

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HP Application and Memory Cards for the HP 48SX and HP 48GX*

Use over 300 equations to solve science and engineering problems

Over 300 science and engineering equations and reference tools extend the capability of the HP 48SX. This card lets you find the right equation, right away. Use the HP 48SX cursor keys to browse through equation topics such as columns and beams, electricity, and fluid flow. Then, with the touch of a key, you'll see a set of related equations. Choose your equation; the HP 48SX displays it, gives you a picture of the physical system (if appropriate), lists the descriptions of each variable in the equation, then lets you to solve for any variable in the equation using HP's unique HP Solve application.

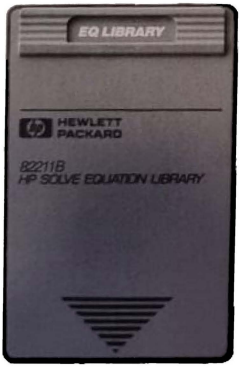
Physical Constants' Library. Work with equations that require physical constants, like gravity and speed of light, without having to use cumbersome reference tables. The HP 48SX places constants in equations where you want them.

Periodic Table of Elements. Press a key to view the periodic table, atomic weights, numbers, and densities of elements (over 25 properties in all). You may never need to use tables in a book again.

HP 82211B

HP Solve Equation Library Application Card with Tetris®

Includes: Application card, User's Guide, and Tetris® manual.



***The Solve Equation Library functions are built into the HP 48G/GX except for the Periodic Table of Elements and the game of Tetris®.**

Tetris© 1987 V/O Electronorgtechnica (Elorg). All rights reserved. Tetris® is a registered trademark of Elorg.

Battery-backed RAM Cards

Take advantage of additional RAM. Develop large programs and store more data in your HP 48SX/GX.

Choose the memory configuration you need. Add to the main memory of the HP 48SX or the HP GX or use it as an electronic disk.

Save your information, even when you unplug the RAM card from the HP 48SX or HP 48GX. Each card is powered by its own long-lasting battery.

HP 82214A
32-Kbyte Battery-backed RAM Card for the HP 48SX/GX
Includes: 32-Kbyte battery-backed RAM card, CR2016 battery, installation card.

HP 82215A
128-Kbyte Battery-backed RAM Card for the HP 48SX/GX
Includes: 128-Kbyte battery-backed RAM card, CR2016 battery, installation card.

The 1-MB Battery-backed RAM Card for the HP 48GX

Store more programs and data in your HP 48GX. Simply insert the 1-MB RAM card into port 2 of your HP 48GX and you have 8 additional 128-Kbyte ports (electronic disk drives). Note: This 1-MB card cannot be used on the HP 48SX.

HP 82216A
1-MB Battery-backed RAM Card for the HP 48GX only
Includes: 1-MB battery-backed RAM card, CR2016 battery, installation card.

HP Data Communications Accessories for the HP 48 Family

Easy HP 48 program development and data transfer using an IBM or IBM-compatible computer

Transfer and archive HP 48 data and programs. * Easily transfer variables and files between the PC and the HP 48 using the menu-based flexible transfer features.

Save program development time by turning your PC into an HP 48 program development system. * Use the mouse-compatible, menu-driven editor to create and format programs with comments and perform standard edit functions. Write complete applications in the editor and transfer them to the HP 48 with a single keystroke.

Immediate execution window. Enter HP 48 commands in this window, execute them on the HP 48, and see the resulting stack displayed on your PC.

On-line reference manual and context-sensitive help. Click the mouse on any HP 48 command in the editor window and see the corresponding page of the HP 48 Programmer's Reference Manual. Hot links speed access to related commands and information. The complete on-line help system for the development link program provides one-key access to assist development link operation.

HP 82208B

Program Development Link for HP 48 to IBM-compatible PCs
Includes: 1.5-meter serial cable, 9-pin to 25-pin adapter, 4-pin to 10-pin connector, $5^1/_4$ in and $3^1/_2$ in disks with PC software, HP 48 Programmer's Reference Manual, Getting Started with the Program Development Link.
Requires: MS-DOS® 3.0 or above, hard disk, 640 Kbytes of user memory, and an open PC serial port (9- or 25-pin connection).

***This program does not include HP 48G/GX commands, but can accept and execute these commands if typed in.**

MS-DOS is a U.S. registered trademark of Microsoft Corporation.

Serial Communications with IBM-compatible PCs

Share your computer's peripherals with your HP 48. Protect your HP 48 data and programs by storing them to your computer disk drive.

Access the power of your HP 48 using the large keyboard and display of your computer. HP 48 commands are easy to enter on your computer keyboard. The Serial Interface software sends commands to the HP 48 and returns results to your computer screen for easy viewing.

HP 82208A

Serial Interface Kit for HP 48 to IBM-compatible PCs
Includes: 1.5-meter serial cable, 9-pin to 25-pin adapter, 4-pin to 10-pin connector, $5^1/_4$ in and $3^1/_2$ in disks with PC software, installation instructions.
Requires: Open PC serial port (9- or 25-pin).

HP F1015A

Serial Interface Cable for IBM-compatible PCs
Includes: 1.5-meter serial cable and 4-pin to 10-pin connector

HP 82224A

Serial Cable Adapter Kit for using the Serial Interface Cable with Modems and Printers
Includes: 9-pin to 25-pin serial modem adapter and 9-pin to 25-pin serial printer adapter.
Requires: HP F1015A Serial Interface Cable for IBM-compatible PCs.

Serial Communications with Macintosh Computers

Share your computer's peripherals with your HP 48. Protect your HP 48 data and programs by storing them to your computer disk drive.

Access the power of your HP 48 using the large keyboard and display of your computer. HP 48 commands are easy to enter on your computer keyboard. The Serial Interface software sends commands to the HP 48 and returns results to your computer screen for easy viewing.

HP 82209A

Serial Interface Kit for HP 48 to Macintosh Computers

Includes: 1.5-meter serial cable, 4-pin to 10-pin connector, $3^1/_2$ in disk with computer software, installation instructions.

Requires: Open serial port (9-pin Mini-DIN).

HP F1016A

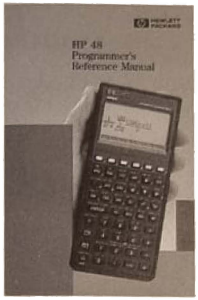
Serial Interface Cable for Macintosh Computers

Includes: 1.5-meter serial cable and 4-pin to 10-pin connector.

Other Accessories

Reference Information for Programmers

Concise information for the HP 48S/SX. The ***HP 48 Programmer's Reference Manual*** has all the reference information needed to use the powerful programming language in the HP 48.



Contents include: an alphabetical Command Dictionary that provides complete syntax and usage information for every programmable command in the HP 48; a Table of Error and Status Messages; a complete Table of Units that gives definitions for all the unit types in the HP 48; a Table of System Flags that defines the usage of all predefined flags in the HP 48; and a Table of Reserved Variables that defines all the reserved variables in the HP 48.

00048-90054
HP 48 Programmer's Reference Manual
504 pages.

Concise information for the HP 48G/GX. The ***HP 48G Series Advanced User's Reference*** has all the information needed to use the powerful programming language built into the HP 48G Series and to extend the HP 48G Series power as far as you can take it!
Contents include: Programming Techniques; Programming Examples; Objects and their Properties; Comprehensive Command Reference; Built-In Equation Reference; Built-In Symbolics; Built-In Symbolics Reference; Table of System Messages; Table of Units; Table of System Flags and Table of Reserved Variables.

00048-90136
HP 48G Series Advanced User's Reference

HP Infrared Printer and Printing Accessories

The battery-powered infrared printer is a revolutionary companion for your new calculator. Because it operates with an invisible infrared beam, no cord is necessary to connect it to the calculator. Producing hard copies in the field or in your office couldn't be easier. And this improved version offers easier-to-read output and automatic shutoff for extended battery life.

Operation of the infrared printer is easy, too. Simply aim your calculator at the printer (from up to 18 inches away), send print instructions, and you get a neat, clean copy of your calculations. You can print a complete record of your work, or select and print only what you need.

Just four AA alkaline batteries give the infrared printer go-anywhere portability. Or to extend battery life, plug in the optional ac adapter.

HP 82240B

HP Infrared Printer

Includes: Infrared printer, four AA alkaline batteries, one roll of printer paper, and User's Guide.

AC/DC Adapters for the HP 82240A and HP 82240B Infrared Printers

HP F1011A AC/DC Adapter

Input: 100-240 V
Output: 12 V, 0.75 A

HP F1011A Opt. ABA
USA and Canada

HP F1011A Opt. ABB
Europe

HP F1011A Opt. ABG
Australia

HP F1011A Opt. ABU
United Kingdom

HP F1011A Opt. ACQ
South Africa

Includes: AC/DC Adapter and instruction sheet.

Thermal Paper

HP 82175A
Thermal Paper for the HP 82240A and HP 82240B Infrared Printers
Includes; 6 rolls, 2.25 in x 80 ft (5.7 cm x 25 m) – black thermal paper.

Miscellaneous

HP 82221A
Soft Case
Includes: replacement case for the HP 48.

HP 82220A
Overlay Kit for HP 48
Includes: one alpha, three clear, and three blank overlays.

How to Order Products in this Brochure

In the U.S., visit your nearest HP retailer to purchase or see a demonstration. To locate the HP retailer nearest you, call 1-800-443-1254 between 8:00 am and 3:00 pm, Pacific time, Monday through Friday. To order replacement manuals only, call 1-800-227-8164.

Outside the U.S., contact your local HP sales office listed in your telephone directory. Note that not all products in this brochure are available everywhere in the world.

Hewlett-Packard stands behind its products with technical support and a limited warranty.

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41 22 780 8111

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